



MARKED-UP COPY OF THE AMENDED CLAIMS

RECEIVED
MAR - 6 2003
TECHNOLOGY CENTER 2800

1 (once amended). A display device comprising a viewing window [(18)] or
screen, a housing [(24)] filled with a plurality of silicone compounds, and means [(12),
5 14)] for producing an image on the screen, [the device being characterized in that the
housing is completely filled with silicone (20, 22)].

2 (once amended). A device according to claim 1 or 31, in which the screen or
the window is disposed between a front bezel [(34)] and the housing [(24)], with at least
one gasket [(36, 38)] being disposed between the bezel and the housing.

10 3 (once amended). A device according to claim 1 or [2] 31, in which the silicone
situated behind the window or the screen presents a refractive index that is identical or
close to that of the material constituting [the] said screen or [the] said window.

4 (once amended). A device according to [any one of] claim 1 or 31 [3], in which
the silicone situated behind said [the] screen or said [the] window is transparent in the
15 visible range of the spectrum.

5 (once amended). A device according to claim 1 or 31 [4], in which the silicone
situated immediately behind the screen or the window is a semi-liquid or gel or
elastomer silicone.

20 Cancel Claim 6 [6. A device according to claim 1, in which the housing is filled
with a plurality of silicone compounds].

Cancel Claim 7 [7. A device according to claim 1, having an optical portion filled
with a silicone in semi-liquid or elastomer or gel form, and an electronics portion filled
with a liquid silicone.]

25 8 (once amended). A lighting device comprising a screen or a window [(54), a
housing (50), and means (52, 56) for producing] electromagnetic radiation producing
means, [the device being characterized in that the] a housing [is completely] filled with
silicone [(60)], said silicone withstanding high temperatures.

9 (once amended). A device according to claim 8 or 32, in which the silicone is liquid.

10 (once amended). A camera comprising a viewing window [(74)], a housing [(72)] filled with a plurality of silicones, and [means (70) for] a radiation receiver for
5 [receiving] radiation coming from outside the housing and passing through the window. [the camera being characterized in that the housing is completely filled with silicone (88)].

11 (once amended). A camera according to claim 10, further comprising one or more controlling motors [(76, 78, 80) for] controlling [elements for adjusting the] camera
10 adjustment.

12 (once amended). A camera according to claim 10 or 11, in which [the] one silicone is liquid or semi-liquid.

13 (once amended). An optical device comprising a window [(54, 74)] or a viewing screen [(18)], a housing [(24, 50, 72)] filled with a plurality of silicones, an optical
15 component[s] [(16, 52, 70)] receiving radiation which penetrates into the housing by passing through the window or the screen, or producing and emitting radiation which leaves the housing by passing through the window or the screen, [the device being characterized in that the housing is completely filled with silicone (20, 22, 60, 88)].

14. A device according to claim 13, in which the silicone situated behind the
20 window or the screen presents a refractive index that is identical or close to that of the material constituting the window or the screen.

15. A device according to claim 13 or 14, in which the silicone situated behind the window or the screen is transparent in the visible range of the spectrum.

16. A device according to claim 13 or 14, in which the silicone situated
25 immediately behind the window or the screen is a semi-liquid or gel or elastomer silicone.

Cancel Claim 17 [17. A device according to claim 16, in which the housing is filled with a plurality of silicone compounds.]

18. A device according to claim 13 or 14, comprising an optical portion filled with a silicone in semi-liquid or elastomer or gel form, and an electronics portion filled with a liquid silicone.

5 19 (once amended). A method of filming a scene in which a camera is used according to claim [12] 10.

20 (once amended). A method of filming according to claim 19, in which a display device according to claim 1 or 31 [8] is [used] connected to the camera and enabl[ing]es the scene seen by the camera to be viewed.

10 21 (once amended). A method of filming according to claim 19 or 20 in which the scene is lighted by [means of] a lighting device according to claim 8.

22 (once amended). A method according to claim 19 [or 21], in which filming takes place in an underwater environment.

23 (once amended). A method of filming according to claim 22, in which filming takes place at a depth of more than 100 meters below the surface of the water.

15 24 (once amended). A method [according to claim 19 or 21, in which] of filming [takes place] in a non-pressurized medium, in which a camera is used, comprising a viewing window, a housing filled with silicone and a radiation receiver receiving radiation coming from outside the housing and passing through the window.

20 25 (once amended). A method according to claim 33 [24], in which filming takes place in the stratosphere or beyond.

26 (once amended). A method of making an optical component comprising a window [(54, 74)] or a viewing screen [(18)], a housing [(24, 50, 72)], and optical components [(16, 52, 70)], the method comprising:

- evacuating the inside of the housing by pumping; and
- 25 - injecting at least two [one] silicone compounds into the housing.

27 (once amended). A method of maintaining an optical device comprising a viewing screen or a window, a housing filled with a plurality of silicone compounds, one of them being a liquid silicone, and optical components, [made according to claim 26,] the method comprising:

- 5 - a step of draining [the] said liquid silicone compounds
- a maintenance or repair step;
- a step of evacuating the inside of the housing by pumping; and
- a step of injecting at least one silicone compound into the housing.

28 (once amended). A method according to claim 26 or 27, further comprising [a
10 pumping step for] degassing the silicone after it has been injected.

29 (once amended). A method according to claim 26 or 27, further comprising [a
step of] polymerizing the silicone after it has been injected.

Cancel Claim 30. [30. A method according to claim 26 or 27 comprising injecting
a plurality of silicone compounds into the housing.]

15 31 (new). A display device comprising a viewing window or a screen, a housing,
an optical portion filled with a silicone in semi-liquid or elastomer or gel form and an
electronic portion filled with a liquid silicone.

32 (new). A lighting device as in claim 8, said silicone withstanding temperatures
up to + 260°C.

20 33 (new). A method of filming according to claim 19, in which filming takes place
in a non-pressurized medium.

34 (new). A method according to claim 24 or 25, in which a display device is
connected to the camera and enables the scene seen by the camera to be viewed, said
display device comprising a viewing window or a screen, a housing filled with silicone,
25 and image producing means.

35 (new). A method according to claim 24 or 25, in which the scene is lighted by a lighting device comprising a window, a housing filled with silicone and electromagnetic radiation producing means.

5 36 (new). A method of making an optical component comprising a window or a viewing screen, a housing, and optical components, the method comprising:

- evacuating the inside of the housing by pumping;
- injecting at least one silicone compound into the housing
- polymerizing said silicone after it has been injected.

10 37 (new). A display device comprising a viewing window or a screen, a housing filled with a plurality of silicone compounds, and signal processing cards.

38 (new). A device according to claim 32, in which the silicone situated behind the screen presents a refractive index that is identical or close to that of the material constituting the screen or the window.

15 39 (new). A device according to claim 38, in which the silicone situated behind the screen or the window is transparent in the visible range of the spectrum.

40 (new). A device according to claim 39, in which the silicone situated immediately behind the screen or the window is a semi-liquid or gel or elastomer silicone.

20 41 (new). A device according to claim 40, having an optical portion filled with a silicone in semi-liquid or elastomer or gel form, and an electronics portion filled with a liquid silicone.

25 42 (new). A method of displaying an image in a non-pressurized medium, comprising displaying said image on a display device comprising a viewing window or a screen, a housing filled with silicone and image producing means producing an image on said screen.

43 (new). A method of displaying an image in a non-pressurized medium, comprising displaying said image on a display device comprising a viewing window or a screen, a housing filled with silicone and signal processing cards.

5 44 (new). A method as in claims 42 or 43, taking place in the stratosphere or beyond.

45 (new). A method of lighting in a non-pressurized medium, comprising lighting with a lighting device having a screen or a window, a housing filled with silicone, and means for producing electromagnetic radiation.

46 (new). A method as in claim 45, taking place in the stratosphere or beyond.

10 47 (new). A camera comprising a viewing window, a housing filled with liquid or semi-liquid silicone, a radiation receiver for radiation coming from outside the housing and passing through the window, one or more motors controlling camera adjustment.